

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shingo Kataoka et al.
Serial No.: 10/806,042
Conf. No.: 9972
Filed: March 22, 2004
For: LIQUID CRYSTAL...
Art Unit: 1752
Examiner: Visconti, Geraldina

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July 13, 2007

Date

Jan K. Folker
Attorney for Applicant(s)

INFORMATION DISCLOSURE STATEMENT

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(b) within any of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the application or the date of entry into the national stage; or
- (b) before the mailing date of First Office Action on the merits (i.e., not including actions such as restriction requirements); or
- (c) before the mailing of a First Office Action after the filing of a Request for Continuing Examination.

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of foreign patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

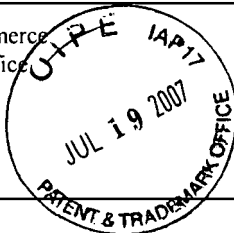
Respectfully submitted,

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By:

Jan K. Folker
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Attorney Docket No.: 3408.70171

Serial No.: 10/806,042

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Shingo Kataoka

Filing Date: March 22, 2004

Group: 1752

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	3,803,050	Apr. 1974	Haas et al.			
	3,848,966	Nov. 1974	Smith et al.			
	5,186,986	Feb. 1993	Ogawa			
	5,307,190	Apr. 1994	Wakita et al.			
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	6,055,031	Apr. 2000	Lowe			
	6,266,111	Jul. 2001	Kataoka et al.			
	6,287,649	Sep. 2001	Fukushima et al.			
	6,540,940	Apr. 2003	Negoro et al.			
	2003/0231272	Dec. 2003	Nakamura et al.			
	6,801,286	Oct. 2004	Yamaguchi et al.			
	6,819,375	Nov. 2004	Wachi			
	6,858,423	Feb. 2005	Abbott et al.			
	2005/0109985	May 2005	Kataoka et al.			
	6,905,640	Jun. 2005	Tanaka			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	05-113557	May 7, 1993	Japan			Abs.	
	0611981	Feb. 7, 1994	EP				X
	06-289374	Oct. 18, 1994	Japan			Abs.	
	08-015707	Jan. 19, 1996	Japan			Abs.	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Examiner

Date Considered

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.